



SNR BEARING CORP.OF AMERICA

120 mm x 180 mm x 60 mm SNR 24024.EAW33
Double row spherical roller bearings

Bearing No. 24024.EAW33

d	120 mm
D	180 mm
B	60 mm
d2	130.6 mm
D1	162.2 mm
rs min	2 mm
Number of lubrication holes	3
b	6.4 mm
k	3.5 mm
e	0.3
Y1	2.28
Y2	3.39
Y0	2.23
Radial clearance class	CN
Mass	5.1 kg
Dynamic load, C	535 kN
Static load, C0	705 kN
Fatigue limit load, Cu	50.8 kN
Nref	2,500 rpm
Nlim	3,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24024.EAW33 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	8.57 Hz
Characteristic outer ring frequency, BPF0	10.2 Hz
Characteristic inner ring frequency, BPF1	12.8 Hz
da min	128.8 mm
Da max	171.2 mm
ra max	2 mm